

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

QSS Group, Inc.		NAS5- 99124	TASK NO. 310	AMENDMENT	429-288-11-15-89	00
TASK TITLE: (NTE 80 characters; include Project name) NPP Systems Engineering and Systems Integration Services						
ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)		DATE	ORG CODE	MAIL CODE	PHONE	
Arthur Unger		6/26/00	429	429	301-286-6161	
BRANCH HEAD		DATE	CODE			PHONE
Ray Taylor		6/26/00	429			301-286-1271
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)		DATE	CODE			PHONE
Robert S. Lehair, Jr.		6/26/00	560			301-286-6588
FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE? (IF YES, NED CODE 303 CONCURRENCE NEXT BLOCK)		CONTRACTING OFFICER'S QUALITY REP.		DESIGNATED FAM:		
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		Larry Moore		N/A		
The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.				(To be completed by Contracting Officer) C.O. Requested Quote on: Date:		
Contractor will develop specification or statement of work under this task for a future procurement.				<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Flight hardware will be shipped to GSFC for testing prior to final delivery.				<input type="checkbox"/> No <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A		
Government Furnished Property/Facilities:				<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES - SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)		
Onsite Performance:				<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES If yes: <input checked="" type="checkbox"/> TOTAL <input type="checkbox"/> Partial If partial, indicate onsite work in SOW by asterisk (*)		
Surveillance Plan Attached:				<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Highlighted Contract Clauses:				(to be completed by Contracting Officer)		
The effective date of this task order is the date of the Contracting Officer's signature below.						
INCENTIVE FEE STRUCTURE (check one) (See Contract NAS5-99124, Attachment K, Incentive Fee Plan)						
	No. 1	No. 2	X No. 3	No. 4	No. 5	
Cost	10%	50%	25%	25%	%	
Schedule	15%	25%	25%	50%	%	
Technical	75%	25%	50%	25%	%	
(To be completed by Contracting Officer)						
The target cost of this task order is \$ 88,103						
The target fee of this task order is \$ 5,727						
The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 93,830						
The maximum fee is \$ 8,370						
The minimum fee is \$0.						
SIGNATURE				STEVEN R. LLOYD		
THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"				CONTRACTING OFFICER		
SIGNATURE OF CONTRACTING OFFICER				DATE		
7/19/2000				TYPED NAME OF CONTRACTING OFFICER		
AUTHORIZED SIGNATURE				DATE		

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CONTRACTOR	CONTRACT NO./TASK NO.	TASK NO.	AMENDMENT
QSS Group, Inc.	NAS5- 99124	310	

Applicable paragraphs from contract Statement of Work: Function 2 B, C and Function 5 A

STATEMENT OF WORK:

Provide technical and management services to the NPP Project in the area of mission formulation. Mission segment design requirements and inter-segment interface requirements derived from the top-level mission system requirements will flow downward into six mission segments: space; launch support; C3S (command, control & communications); interface data processor; science data; and archive & distribution. Mission formulation tasks include supporting overall preliminary mission design activity related to inter-segment interface definition and to the GSFC-managed space segment.

Continuing systems engineering services shall be provided in the areas of:

1. Assessing mission segment technical specifications and supporting the preparation of space-segment technical specifications including the traceability of the specifications back to the mission requirements.
2. Assessing space segment technical specifications and supporting interface definition between spacecraft electrical, mechanical, thermal, GNC, and other subsystems and the three instruments.
3. Reviewing instrument design details for the VIIRS and the CrIS instruments to the extent needed to assess spacecraft-to-instrument interfaces.
4. Writing the Definition Documents for the VIIRS and CrIS Instruments.
5. Reviewing instrument design details and related instrument implementation documentation for the Advanced Technology Microwave Sounder (ATMS) Instrument.
6. Writing the Definition Documents for the ATMS Instrument.

PERFORMANCE SPECIFICATIONS:

Deliverables will be in accordance with Federal Government, NASA, and GSFC established formats. Content and format of the Definition Documents will be developed in association with the NPP Office. Milestones will be executed on time. Technical Progress Report format will be in accordance with the contract specified format.

APPLICABLE DOCUMENTS:

None.

TASK END DATE: 5/30/01

MILESTONES/DELIVERABLES AND DATES:

- | | |
|---|--|
| 1. CrIS Instrument Definition Document | 9/15/00 |
| 2. VIIRS Instrument Definition Document | 11/15/00 |
| 3. ATMS Instrument Definition Document | 1/15/01 |
| 4. Technical Progress Report | Monthly, due 15th of the month reporting previous month's activities |

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of all deliverables/milestones
Technical: ATR's acceptance of deliverables

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Arthur Unger, building 16W, room N123